New Features - OMC-FLASH 5.1.0

June 2024

- **Dynamic Filter Specification** - Beginning in OMC-FLASH 5.1.0, a Dynamic Filter is supported on most tabular displays (e.g. Jobname Selection Panel (JSP), Dataset Index Panel (DIP), Initiator displays, etc.) A Dynamic Filter allows the user to specify the criteria that a row must meet prior to it being selected for display, just as the Standard Filter construct allows.

  The major difference between Standard Filters and a Dynamic Filter is that the specification must be created by the FILTER primary command prior to use for Standard Filters, whereas the Dynamic Filter is created by entering or modifying the desired column/value combinations on the actual screen where it is to be applied, and then doing a normal refresh for the data.

  A Dynamic Filter may be used in conjunction with Standard Filters. Specifically, the Standard Filters are applied first when selected, and any entries which meet the Standard Filter criteria for display are then passed through the Dynamic Filter as well. The user has full control over which Filters are to be used, with a '4-way' switch - "Both" (both Dynamic and Standard Filters are to be applied), "Dyn" (only the Dynamic Filter is to be applied), "None" (no filters are to be applied), and "Std" (only Standard Filters are to be applied.)

  To support Dynamic Filter Specification, an extended 'backdrop' panel is supplied for every tabular display that supports the Dynamic Filter. This new panel may be accessed via the expanded CRITERIA command. On this extended 'backdrop' panel, multiple lines are inserted between the body of the standard panel and the beginning of the tabular data area, to allow room for the entering of Dynamic Filter specification. Other than the inclusion of these new lines, the panels are identical in both form and function.

  The entire Dynamic Filter specification, including the specification for which 'backdrop' panel (standard or extended) to use for a specific display, the fields that are to be compared, and the values against which the fields are to be compared, are saved across sessions in the user's profile, and will be activated automatically the next time you enter the panel.

  In order to minimize 'surprises', a new message field has been added immediately to the right of the active layout field on all applicable panels. This new message field informs you if a Dynamic Filter is active or not, so that you don't spend a lot of time wondering why the data you were expecting isn't being displayed.

- **User Commands -** User Commands may now be added to the product, to allow for custom operations. User Commands are defined in the module named in the USER_COMMANDS= parameter that was specified on the FLSINSTL macro in the active FLASHOPT module.

  Samples of each type of processing routine (INTERNAL, EXTERNAL, LOAD, and REXX) are included in the STFLSRC library. Further, these samples are already pre-assembled and pre-linked for immediate testing, simply by coding USER_COMMANDS=FLSUCMOD on the FLSINSTL macro and activating the new FLASHOPT module in your environment.

  Custom line commands may be added to these panels: USS, JOBCLASS, JES- MON, JESPLEX, INIT and Spool facility.

- **Exclude Patterns** - Browse Exclude Patterns now show jobs with lines excluded. Exclude patterns remove lines from the output, and are specified by prefixing a pattern with the exclude character. For example: ~ABC This pattern will remove lines containing ABC. All lines not matching the exclude pattern are displayed. The exclude character value is defined using the Selection Criteria Panel option Exclude Character or FLASHOPT option EXCL_PATTERN_CHAR.

- **New Items Added to Job Information (JI) Display**
  - Job input date and time
  - STARTBY information
  - HOLDUNTL information
  - Privileged job indication
  - Protected job indication

- **Usermod FTFL* Changes** - Usermod FTFL* has been renamed to STFL* in order to conform to IBM's naming guidelines for SYSMODS, as documented in the manual 'SMP/E for z/OS Reference'.

- **FLASHOPT Module FLSPSWD Macro Documentation** - FLSPSWD Macro Parameters are documented for clarity of utilization. The FLSPSWD macro is an optional macro that defines the passwords that OMC-FLASH is to search when attempting to authorize execution.

- **Additional Line Commands and Parameters** - Several new Line Commands have been added to the STEPDATA/EVENTLOG (ST) facility for browse step related spool data.